In the Claims

(Currently amended) A distributed system comprising:

a plurality of cooperative processes running on a plurality of processors of a computer network to accomplish a distributed transaction, each process logging in a local resource records of execution: and

a system synchronizer sending a timing message to be logged from time to time to the plurality of cooperative processes;

a search engine running on each of the plurality of processors, each search engine retrieving corresponding records of execution in response to a query.

- (Original) A distributed system as in claim 1, wherein the query is issued to the processors as a distributed query.
- (Withdrawn) A distributed system as in claim 1, wherein the query is issued from a client performing debugging of the distributed system.
- (Withdrawn) A distributed system as in claim 1, wherein the query is issued from a client performing an audit trail of distributed transactions.
- (Withdrawn) A distributed system as in claim 1, wherein the query is issued from a client performing monitoring of a manufacturing process.
- (Withdrawn) A distributed system as in claim 1, wherein the query is issued from a client performing monitoring of a business process.
- (Withdrawn) A distributed system as in claim 1, wherein the query is issued from a client performing application integration.

- 8. (Original) A distributed system as in claim 1, wherein the query is issued from a client which merges the results received from search engines responding to the query.
- 9 (Original) A distributed system as in claim 8, wherein the client applies program rules on the merged results to determine correct operation of the distributed system.
- 10. (Original) A distributed system as in claim 1, wherein each search engine generates indices to the records of execution.
- 11. (Original) A distributed system as in claim 10, wherein the indices is created in memory.
- 12. (Original) A distributed system as in claim 11, wherein a portion of the indices are stored onto disk after a specified time period.
- 13 (Original) A distributed system as in claim 11, wherein the indices in memory and the portion of the indices stored onto disk are merged from time to time.

14.

local resource records of execution:

(Original) A method for analyzing a distributed system, comprising: running a plurality of cooperative processes on a plurality of processors of a computer network to accomplish a distributed transaction, each process logging in a

sending a timing message to be logged from time to time to the plurality of cooperative processes; and

running a search engine on each of the plurality of processors, each search engine retrieving corresponding records of execution in response to a query.

15. (Original) A method as in claim 14, wherein the query is issued to the -3-Serial No. 10/813,940 processors as a distributed query.

- (Withdrawn) A method as in claim 14, wherein the query is issued from a client performing debugging of the distributed system.
- (Withdrawn) A method as in claim 14, wherein the query is issued from a client performing an audit trail of distributed transactions.
- 18. (Withdrawn) A method as in claim 14, wherein the query is issued from a client performing monitoring of a manufacturing process.
- 19. (Withdrawn) A method as in claim 14, wherein the query is issued from a client performing monitoring of a business process.
- (Withdrawn) A method as in claim 14, wherein the query is issued from a client performing application integration.
- 21. (Original) A method as in claim 14, wherein the query is issued from a client, further comprising merging in the client the results received from search engines responding to the query.
- (Original) A method as in claim 21, further comprising applying in the client program rules on the merged results to determine correct operation of the distributed system.
- 23. (Original) A method as in claim 14, further comprising generating in each search engine indices to the records of execution.
 - 24. (Original) A method as in claim 23, wherein the indices are created in memory.
- (Original) A method as in claim 24, further comprising storing a portion of the indices onto disk after a specified time period.

I	26.	(Original) A method as in claim 25, further comprising merging, from time to
time,	the indi	ces in memory and the portion of the indices stored onto disk.